Special Issue

Intelligent Edge-Cloud Collaboration for Internet of Things

Message from the Guest Editors

This Special Issue is devoted to the most recent developments of edge intelligence technologies for IoT applications. Topics of interest include, but are not limited to, those listed below:

- AI-assisted edge computing, fog computing, and cloud computing;
- Intelligent decision making for task offloading, resource allocation, profiling, modelling, content caching, cyber-security, and privacy in IoTs;
- AI-based theories, scenarios and architectures of application placement, computation offloading or data offloading in IoTs;
- Deep learning driven latency and energy consumption model in IoTs;
- Joint communication and computation optimization for emerging IoT applications;
- Intelligent resource management and task scheduling;
- DNN-based application partitioning in IoTs;
- IoT applications based on cloud-edge-end computing paradigms;
- Caching assisted application outsourcing and task offloading in IoTs;
- Volunteer computing related technologies for vehicular edge computing;
- 5G beyond networks for Internet of Vehicles.

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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